(to be use	JUN 2 7  TRANSMITTAL FORM  d for all correspondence after initial er of Pages in This Submission	2006 J		10/57 May	mation unless 8,162 4, 2006 Sue Agin	PTO/SB/21 (05-03 se through 04/30/2003. OMB 0651-003 s; U.S. DEPARTMENT OF COMMERCI it displays a valid OMB control number
Amend Extensi Express Informat Docume Respons Incomple	ransmittal Form  Fee Attached  Iment/Reply  After Final  Affidavits/declaration(s) on of Time Request is Abandonment Request tion Disclosure Statement I Copy of Priority nt(s) se to Missing Parts/ sete Application desponse to Missing Parts inder 37 CFR 1.52 or 1.53	Di Lici	osures (Check all that rawing(s)  censing-related Papers  tition tition to Convert to a positional Application wer of Attorney, Revocation ange of Correspondence Addressminal Disclaimer quest for Refund  Number of CD(s)	ess Re	After to Gro Appear of Appear (Appear (Appear ) Status Other I Identify turn Postcai	al Communication to Board peals and Interferences al Communication to Group al Notice, Brief, Reply Brief) etary Information Letter Enclosure(s) (please
Firm or Individual name	SIGNATU		PPLICANT, ATTORNEY	, OR AC	GENT	
Signature Date	Timoth Guml June 23, 2006	lito				•
hereby certify that sufficient postage a he date shown bell yped or printed na	as first class mail in an envelop ow.	IFICATE facsimile tra e addresse	OF TRANSMISSION/M ansmitted to the USPTO or dep d to: Commissioner for Patents	AILING posited with	h the United	States Postal Service with andria, VA 22313-1450 on
ignature	len f.	S . 1	Vaylor		Date	June 23, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JUN 2 7 2006

PTO/SB/08a (06-03)
Approved for use through 07/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction of Contains a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/578,162

Filing Date May 4, 2006

First Named Inventor Tonia Sue Agin

Art Unit

Examiner Name

(Use as many sheets as necessary)

Substitute for form 1449A/PTO

Sheet 1 of 2 Attorney Docket Number PC25353A

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		<sup>US-</sup> 6,491,910	12-10-2002	Carita Elisabath Schneit			
		<sup>US-</sup> 6,440,408	08-27-2002	John A. Thoma			
		US- 5,977,081	11-02-1999	Dante J. Marciani			
		<sup>US-</sup> 4,681,063	07-21-1987	John H. Hebrank			
		<sup>US-</sup> 4,040,388	08-09-1977	Gary E. Miller			
		<sup>US-</sup> 4,469,047	09-04-1984	Gary E. Miller			
		<sup>US-</sup> 4,593,646	06-10-1986	Gary E. Miller			
		US-					
***************************************		US-					
	***************************************	US-			The state of the s		
CAMBIDITION OF STREET		US-			and the second distribution and the second distribution and distribution a		
		US-					
***************************************		US-	**************************************				
		US-					
		US-					
		US-	*·				
		US-					
		US-	*				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> ·Number <sup>4</sup> ·Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т°		
		***************************************			***************************************			

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Complete if Known					
						Application Number	10/578,162	
	INFO	RMATION DI	SCLC	SURE		Filing Date	May 4, 2006	
	STATEMENT BY APPLICANT			First Named Inventor	Tonia Sue Agin			
						Art Unit		
		(Use as many sheets as	s necessary	1)		Examiner Name		
$\overline{}$	Sheet	2	of	1	2	Attorney Docket Number	PC25353A	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		GUERRY, PATRICIA, et al., "Development and Characterization of Reca Mutants of Campylobacter Jejuni for Inclusion in Attenuated Vaccines," Infection and Immunity,	
	<u> </u>	American Society for Microbilogy, Feb. 1994, p. 426-432.	
		NOOR, S.M., et al., "In ovo oral vaccination wipth Campylobacter jejuni establishes early development of intestinal immunity in chickens," British Poultry Science, 1995, 36(4): 563-573.	
	••••••	RICE, Brandt E., et al., "Campylobacter jejuni in broiler chickens: colonization and humoral immunity following oral vaccination and experimental infection", Vaccine 15(17-18), 1997, pages 1922-1932.	
		ZIPRIN, Richard L., et al, "Inoculation of Chicks with Viable Non-Colonizing Strains of Campylobacter jejuni: Evaluation of Protection Against a Colonizing Strain," Current	• • • • • • • • • • • • • • • • • • • •
***************************************		ZIPRIN, Richard L., et al., "Effect of mutations in Campylobacter jejuni genes on cecal colonization, and liver invasion, when given in ovo or on day-of hatch," - Abstract, Poultry Science, Vol. 78, Suppl. 1, 1999, p. 39.	
***************************************			
			<u> </u>
***************************************			

Examiner	*	Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1459, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.